

Dkt. 76786/JPW/YC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Peter David East and Susan Elizabeth Brown  
U.S. Serial No. : Not Yet Known (national stage of PCT International Application No. PCT/AU2005/000234)  
Filed : Herewith  
For : ANTIFUNGAL PEPTIDES

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New York, New York 10036  
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Mail Stop PCT  
Commissioner for Patents  
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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. §1.56 and §1.97(a)-(d), applicants request that the following documents be considered and made of record in the above-identified application which is listed on Form PTO-1449, attached hereto as **Exhibit A**. In addition, a copy of the April 14, 2005 International Search Report and a copy of the April 14, 2005 Written Opinion for PCT International Application No. PCT/AU2005/000234 are attached hereto as **Exhibits B** and **C**, respectively.

1. Genpept Database: Accession No AB100428, July 23, 2003 (**Exhibit 1**);
2. Genpept Database: Accession No AY611631, June 6, 2004 (**Exhibit 2**);
3. Hemmi, H. et al., (2002) "Solution Structure of Moricin, an Antibacterial Peptide, Isolated from the Silkworm *Bombyx mori*," *Federation of European Biochemical Societies Letters*, 518: 33-38 (**Exhibit 3**);

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BG/

4. Furukawa, S. et al., (1999) "Inducible Gene Expression of Moricin, a Unique Antibacterial Peptide from the Silkworm (*Bombyx mori*)," Journal of Biochemistry, 340: 265-271 (**Exhibit 4**);
5. Otvos, L. Jr., (2000) "Antibacterial Peptides Isolated from Insects," Journal of Peptide Science, 6: 497-511 (**Exhibit 5**);
6. Lamberty, M. et al., (1999) "Insect Immunity," Journal of Biological Chemistry, 274(14): 9320-9326 (**Exhibit 6**);
7. Hara, S. et al., (1995) "Moricin, a Novel Type of Antibacterial Peptide Isolated from the Silkworm, *Bombyx mori*," Journal of Biological Chemistry, 270(50): 29923-29927 (**Exhibit 7**); and
8. PCT International Application Publication No. WO 02/086072 published October 31, 2002 (**Exhibit 8**).

Copies of documents numbers 1-8 are attached hereto as **Exhibits 1-8**, respectively.

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IAP12 Rec'd PCT/PTO24 AUG 2006

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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PTO/SB/08B (07-06)  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

|                        |                  |
|------------------------|------------------|
| Application Number     | NOT YET KNOWN    |
| Filing Date            | HEREWITH         |
| First Named Inventor   | Peter David East |
| Art Unit               |                  |
| Examiner Name          |                  |
| Attorney Docket Number | 76786/JPW/YC     |

Sheet 1 of 2

## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                    | 1                     | Genpept Database: Accession No. AB100428, July 23, 2003                                                                                                                                                                                                         |                |
|                    | 2                     | Genpept Database: Accession No. AY611631, June 6, 2004                                                                                                                                                                                                          |                |
|                    | 3                     | Hemmi, H. et al., (2002) "Solution Structure of Moricin, an Antibacterial Peptide, Isolated from the Silkworm Bombyx mori," Federation of European Biochemical Societies Letters, 518: 33-38                                                                    |                |
|                    | 4                     | Furukawa, S. et al., (1999) "Inducible Gene Expression of Moricin, a Unique Antibacterial Peptide from the Silkworm (Bombyx mori)," Journal of Biochemistry, 340: 265-271                                                                                       |                |
|                    | 5                     | Otvos, L. Jr., (2000) "Antibacterial Peptides Isolated from Insects," Journal of Peptide Science, 6: 497-511                                                                                                                                                    |                |
|                    | 6                     | Lamberty, M. et al., (1999) "Insect Immunity," Journal of Biological Chemistry, 274(14): 9320-9326                                                                                                                                                              |                |
|                    | 7                     | Hara, S. et al., (1995) "Moricin, a Novel Type of Antibacterial Peptide Isolated from the Silkworm, Bombyx mori," Journal of Biological Chemistry, 270(50): 29923-29927                                                                                         |                |
|                    |                       |                                                                                                                                                                                                                                                                 |                |
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|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
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This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Exhibit A

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

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| Application Number     | NOT YET KNOWN    |
| Filing Date            | HEREWITH         |
| First Named Inventor   | Peter David East |
| Art Unit               |                  |
| Examiner Name          |                  |
| Attorney Docket Number | 76786/IPW/YC     |

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

|                       |                |                    |            |
|-----------------------|----------------|--------------------|------------|
| Examiner<br>Signature | /Brian Gangle/ | Date<br>Considered | 10/01/2008 |
|-----------------------|----------------|--------------------|------------|

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The submission of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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